

# Best Available Copy

Form PTO 948 (Rev. 8-98)

U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 135504

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 6/22/98 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: <input checked="" type="checkbox"/> Black ink (Color ink is not permitted). <input type="checkbox"/> White ink is not permitted. <input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____		2. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i): Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
3. PHOTOGRAPHS. 37 CFR 1.84 (b): <input type="checkbox"/> 1 full-tone set is required. Fig(s) _____ <input type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____ <input type="checkbox"/> Poor quality (half-tone). Fig(s) _____		4. SCALE. 37 CFR 1.84(t): Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
5. TYPE OF PAPER. 37 CFR 1.84(e): <input type="checkbox"/> Paper not flexible, strong, white, and durable! <input checked="" type="checkbox"/> Lines; numbers & letters not uniformly thick and well defined; clean, durable, and black (poor line quality). Fig(s) _____ <input type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____ <input type="checkbox"/> Mylar, velum paper is not acceptable (too thin). Fig(s) _____		6. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i): <input checked="" type="checkbox"/> Lines; numbers & letters not uniformly thick and well defined; clean, durable, and black (poor line quality). Fig(s) _____
7. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes: <input type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4) <input type="checkbox"/> 21.6 cm by 27.9 cm (A4/2 x 11 inches) <input type="checkbox"/> All drawing sheets not the same size(s). Sheet(s) _____ Drawings sheets not an acceptable size. Fig(s) _____		8. SHADING. 37 CFR 1.84(m): <input type="checkbox"/> Solid black areas pale. Fig(s) _____ <input type="checkbox"/> Solid black shading not permitted. Fig(s) _____ <input type="checkbox"/> Shaded lines, pale, rough and blurred. Fig(s) _____
9. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) _____ Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____		10. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(o): <input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____ <input type="checkbox"/> Figure legends are poor. Fig(s) _____ <input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____ <input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____ <input type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____
11. LEAD LINES. 37 CFR 1.84(q): <input type="checkbox"/> Lead lines cross each other. Fig(s) _____ <input type="checkbox"/> Lead lines missing. Fig(s) _____		12. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(l): <input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____
13. NUMBERING OF VIEWS. 37 CFR 1.84(u): <input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____		14. CORRECTIONS. 37 CFR 1.84(w): <input type="checkbox"/> Corrections not made from prior PTO-948 dated _____
15. DESIGN DRAWINGS. 37 CFR 1.152: <input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____ <input type="checkbox"/> Solid black shading not used for color contrast. Fig(s) _____		16. COMMENTS

REVIEWER JohDATE 7/9/98TELEPHONE NO. 70330895ATTACHMENT TO PAPER NO. 7